Wireless Presentation Adaptor

User's Manual

(Model Name: WP-910)

Version: 3.0

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1.Overview

wePresent is a must-have device for your meeting room! It turns your existing "wired" projector into a "high-end wireless" projector. With the revolutionary Plug-and-Show wireless projection features, wePresent makes every of your presentation and meeting efficient and successful.

- High Performance Wireless Projection & Audio Projection

With the revolutionary high performance wireless projection with audio, you can easily share the multimedia on the big monitor with friends without cable hassle.

- Plug & Show

With the accompanied Plug & Show USB Token, wireless presentation becomes easy! Just link your PC/Laptop to wePresent (through WLAN or Ethernet), plug the token into a USB port, and in seconds, your screen will be wireless projected to the connected projector!

- 4-to-1 Split Screen Projection

With this 4-to-1 split screen feature, up to four PC screens can be projected to one projector in the same time. Thus you can easily do side-by-side comparison from four PC / PDAs to increase meeting productivity!

- Macintosh(Mac) wireless Projection

wePresent supports Mac client connected and projected wirelessly. By launching the Mac client software that stored in accompanied USB token, wePresent provide the same experience to Mac user to utilize the wireless presentation feature.

- HD video Streaming

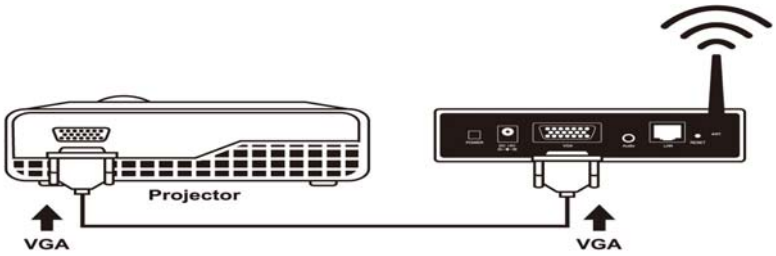
wePresent supports video streaming feature, you can watch the HD video on big screen with original quality through wireless streaming.

➢ Features

- Support Windows Vista, XP, 2000 and Mobile 5/6
- Support Macintosh(Mac) version 10.5 and above.
- Plug and Show! No installation required ... just plug in the accompanied token to a USB port, and hassle free presentation can be started in seconds.
- 4-to-1 split screen projection! Turn one projector into four, increase meeting productivity right away.
- Smartphone wireless projection! PC-less stylish presentation becomes possible!
- Conference control! Allows moderators to streamline grand meetings.
- Provide session security login, wireless WEP/WPA key and Gatekeeper function to protect presentation contents and keep good security to office networks.
- Provide magnifier feature to enlarge small video region to playback with full screen.
- Provide media playback feature, support music and video streaming.
- Support High Performance screen projection with audio.
- Support H.264 HD video streaming.
- Support OSD image uploading feature.

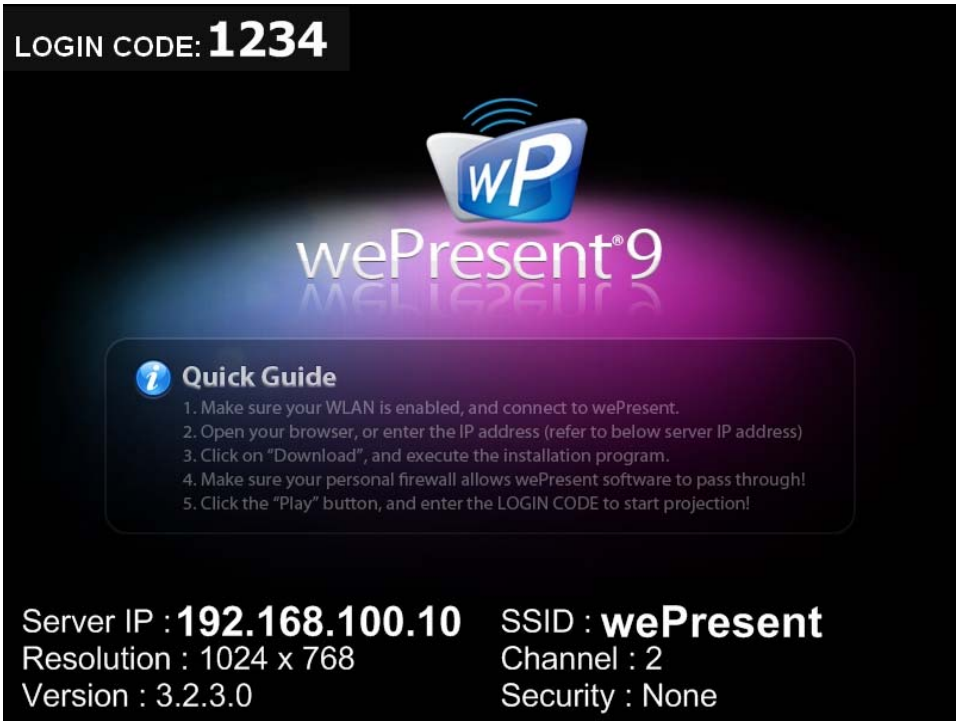
2. Quick Start

1) Connect projector VGA cable to wePresent box VGA connector and turn on projector power.

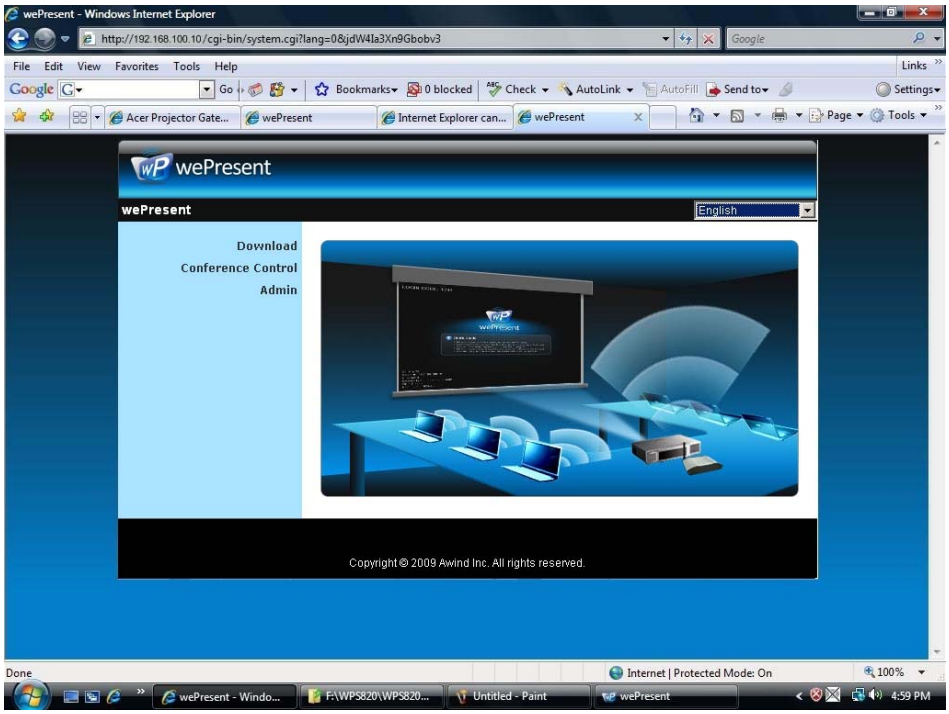


2) Turn on wePresent box.

   - When Projector shows the default menu on the screen as below, it indicates the wePresent box is ready now.

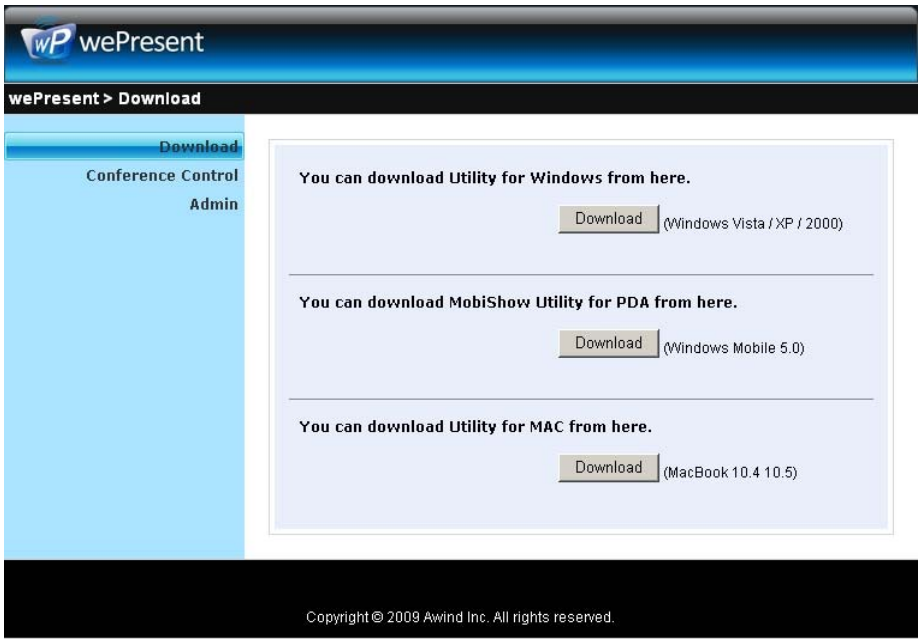

LOGIN CODE: 1234
wePresent 9
Quick Guide
1. Make sure your WLAN is enabled, and connect to wePresent.
2. Open your browser, or enter the IP address (refer to below server IP address)
3. Click on "Download", and execute the installation program.
4. Make sure your personal firewall allows wePresent software to pass through!
5. Click the "Play" button, and enter the LOGIN CODE to start projection!
Server IP : 192.168.100.10
Resolution : 1024 x 768
Version : 3.2.3.0
SSID : wePresent
Channel : 2
Security : None

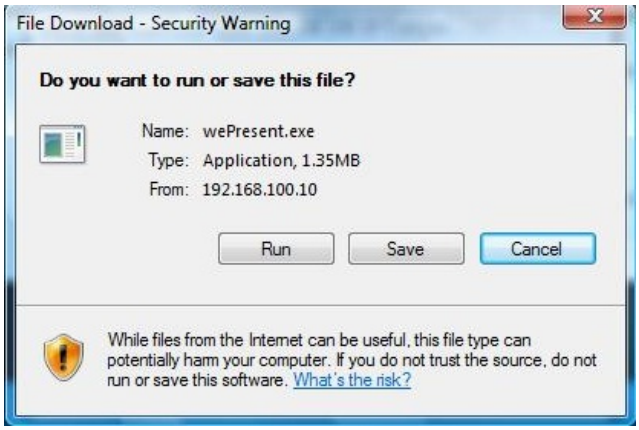
3) Make sure your PC WLAN is enabled already, and connect your PC with wePresent box.
4) Open your browser and it will redirect to wePresent main page automatically, or you can enter the IP address to access the WPS web home page.
   - ♦ The default IP address of wePresent is **192.168.100.10** or refers to the IP address shown on the left corner of projector screen.



5) Download the client software. Please select the" Win7 / Windows Vista / XP / 2000" or "Windows Mobile 5/6" or "Mac Utility" and execute the installation program.

◆ After installing the program, you will see the wePresent shortcut on the PC screen.




File Download - Security Warning
Do you want to run or save this file?
Name: wePresent.exe
Type: Application, 1.35MB
From: 192.168.100.10
Run
Save
Cancel
While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. What's the risk?

6) Make sure your personal firewall allows wePresent software to pass through.

7) Enter the **LOGIN CODE** and

♦ You can see the login code on the projector screen

8) Click the "**Play**" button to start projection!

3. Windows Client Utility

3.1 Starting Program

After you download wePresent Windows program via web page successfully, then follow below steps to start.

1) Click wePresent icon to execute the program.

2) Program start to search for wePresen box automatically,
3) If wePresent box founded then "**Login Code**" dialog box will be pop up on the PC screen.

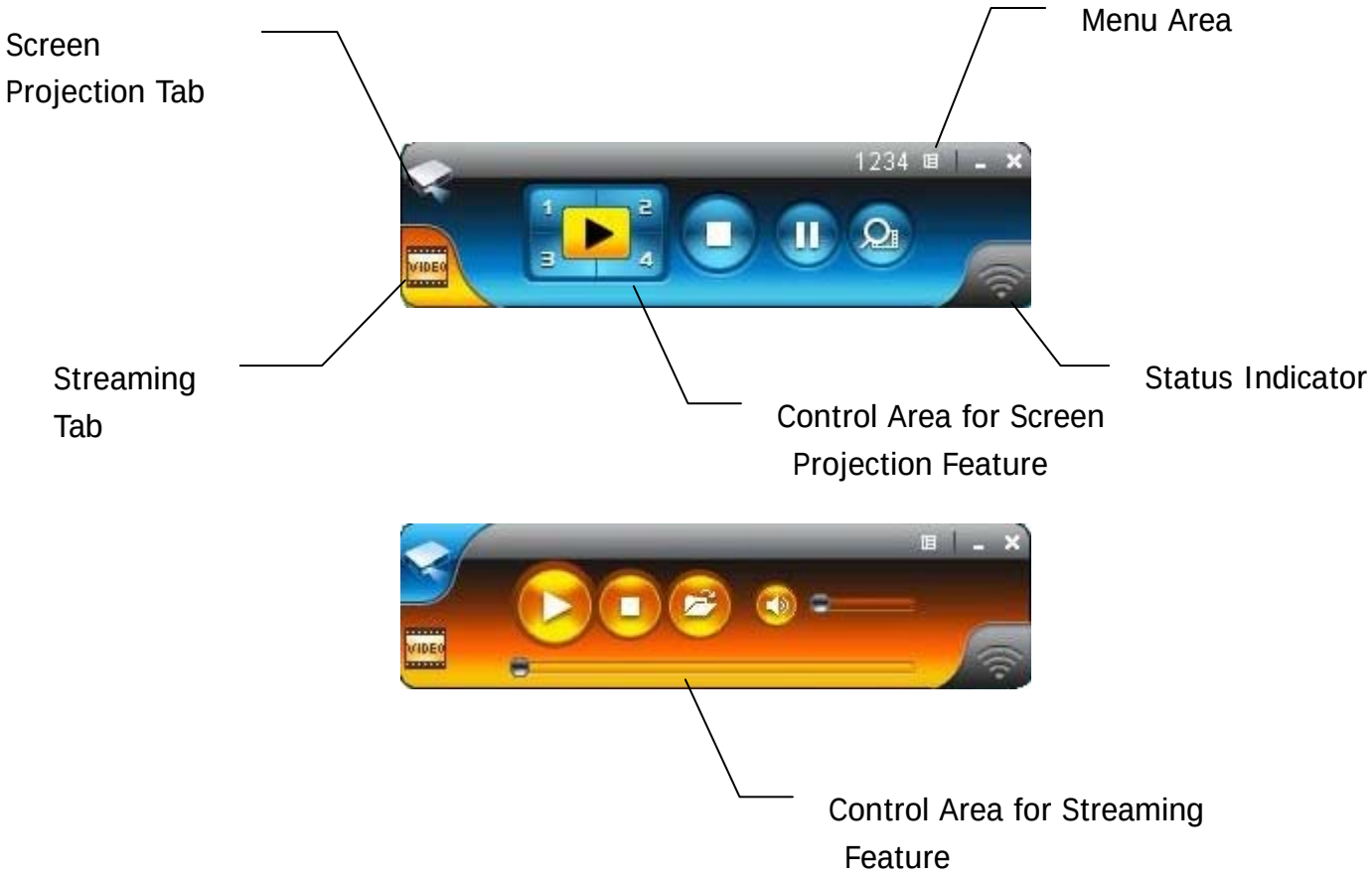
- **Searching for wePresent box**

- **wePresent box is founded and enter login code to start.**

3.2 Login

1) After “Login Code” dialog box shown, enter login code to start presentation.
2) You can see the login code shown on the projector screen.

3.3 Main User Interface



3.4 Screen Projection

Click the “Play” button for full or split screen, you can project the main screen on to the display immediately, click the “Pause” button, you can freeze you projection screen, and click the “Stop” button to stop projecting your screen.

*. To enable the audio projection, you have to install provided audio driver and set the projection quality to “Normal”.

Button	Description
	Full Screen projection
	Project to Split #1
	Project to Split #2
	Project to Split #3
	Project to Split #4
	Stop projecting
	Pause projecting

3.5 Magnifier Feature

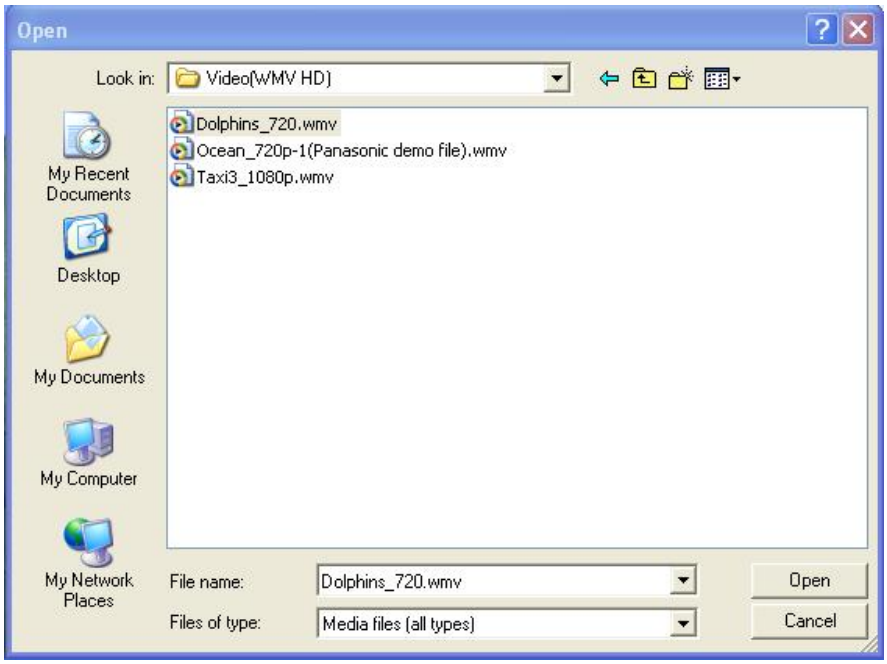
Click to enable the magnifier feature. System will enlarge and playback the image within the red rectangle to full screen in higher frame rate.

Ps1. To enable this feature, you need to install Magnifier component first which is stored in the USB token.

Ps2. You need to draw and resize the video size to fit into this rectangle.

3.6 Video / Music streaming Feature

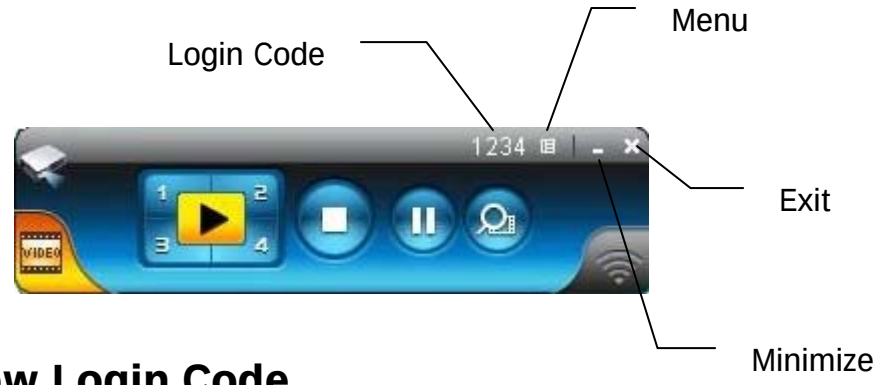
Click the “Video Tab” to switch to Video Mode, choose a video/audio file, then it will stream the original file to playback on the screen.



* Supported Video/Audio Format: MPEG1/2, DivX(3.4.5), XviD(MPEG4), H.264, WMV9, MP3, WMA

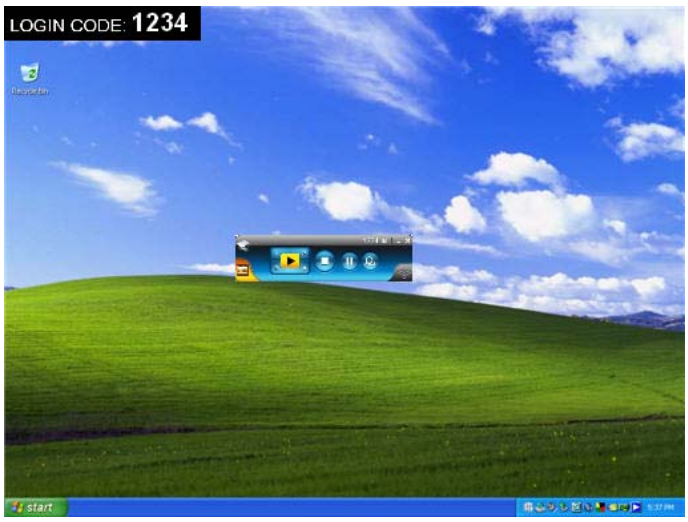
Button	Description
	Start Playing Video/Music
	Stop Playing Video/Music
	Open Video/Music File
	Mute
	Volume Level
	Progress Bar

3.7 Menu Description



3.7.1 Show Login Code

Click “Show Login Code”, it will display the login code on the right-upper of desktop and close it automatically after 10 seconds. You can also click on the area to close this window manually.



3.7.2 Open Admin Web Page

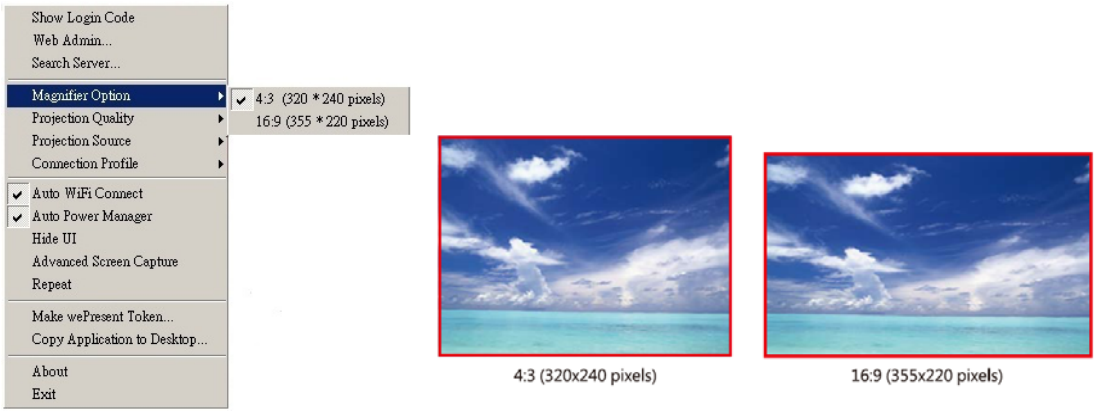
Click to open function menu and select “**Web Admin**” management web page. The web page detailed functions will be described on next chapter.

3.7.3 Searching Server

Click "**Search Server**" to re-search the wePresent again.

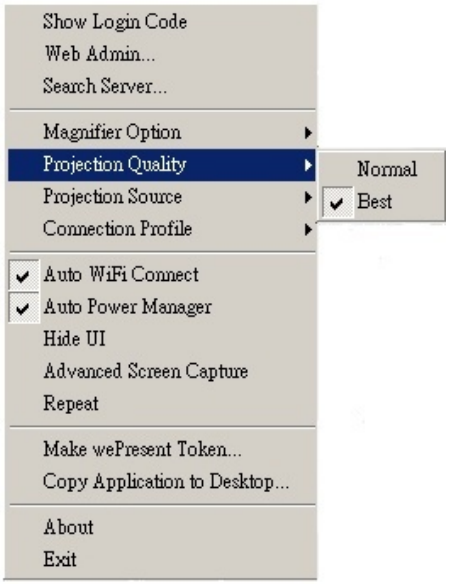
3.7.4 Magnifier Option

Click “Magnifier option” to change the aspect ratio of captured video region with magnifier feature.



3.7.5 Projection Quality

Click the “Projection Quality”, choose “Normal” for faster projection speed with lower screen image quality, and “Best” for clear screen image quality but slower projection speed.



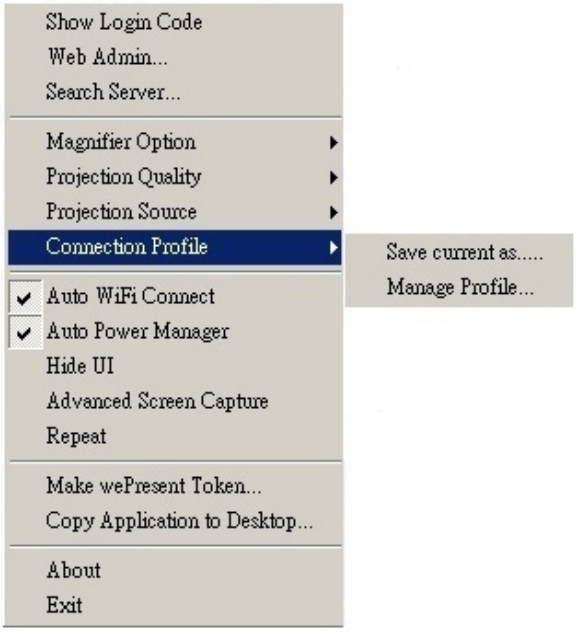
3.7.6 Projection Source

Click the “Projection Source”, you can select to project the main screen of desktop or the virtual extended screen.

PS. This function is only supported on Windows XP and need to install another virtual display driver first.

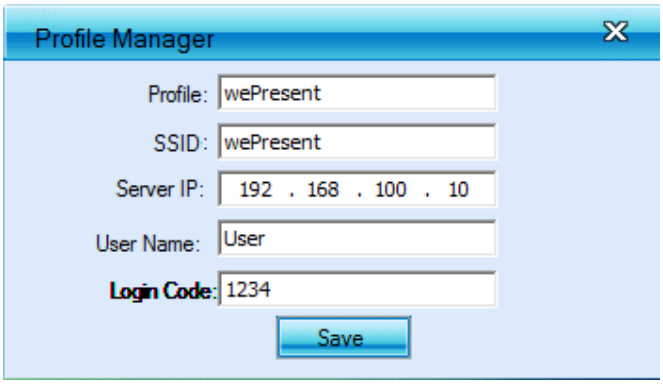
3.7.7 Connection Profile

Click “Connection Profile”, you can click “save current as” to save current connection configuration into Profile, or click the “Connection Profile” to add, delete or modify current profiles.



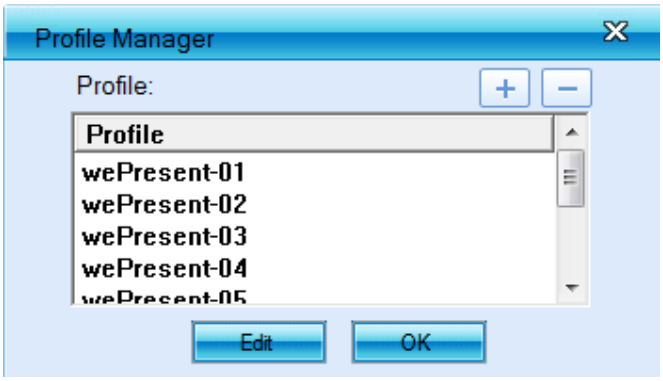
- Save Current as

  Click the “Save current as”, it will save your current connection into profile for future quick connect.



- Manage Profile

  Click the “Manage Profile”, you can see current profile, add or delete the profile, and edit the existing profile.

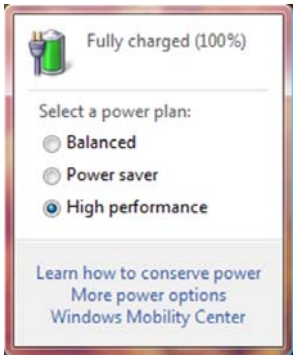


3.7.8 Auto WiFi Connect

Click “Auto WiFi Connect” to enable the AWZC function, this function can save the WiFi connection steps.

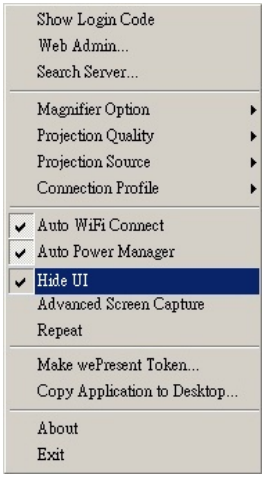
3.7.9 Auto Power Manager

To make the highest projection performance, application will turn the PC's windows power scheme from current settings to "highest performance", however, you can click the "Auto Power Manage" to enable or disable this function and restore you power scheme immediately.



3.7.10 Hide UI

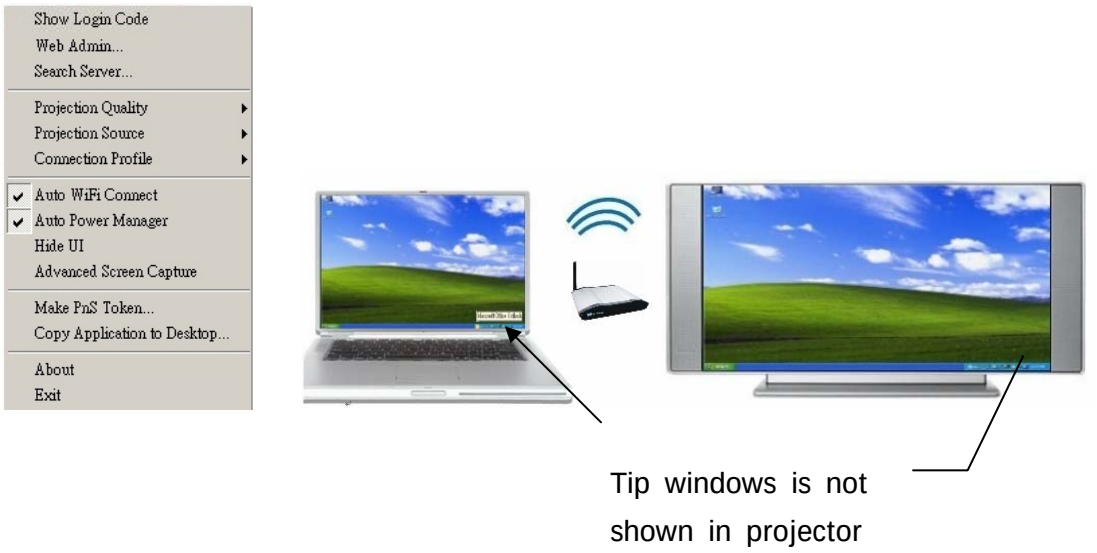
Click the "Hide UI", you can choose to hide or display the application control panel from projection screen.



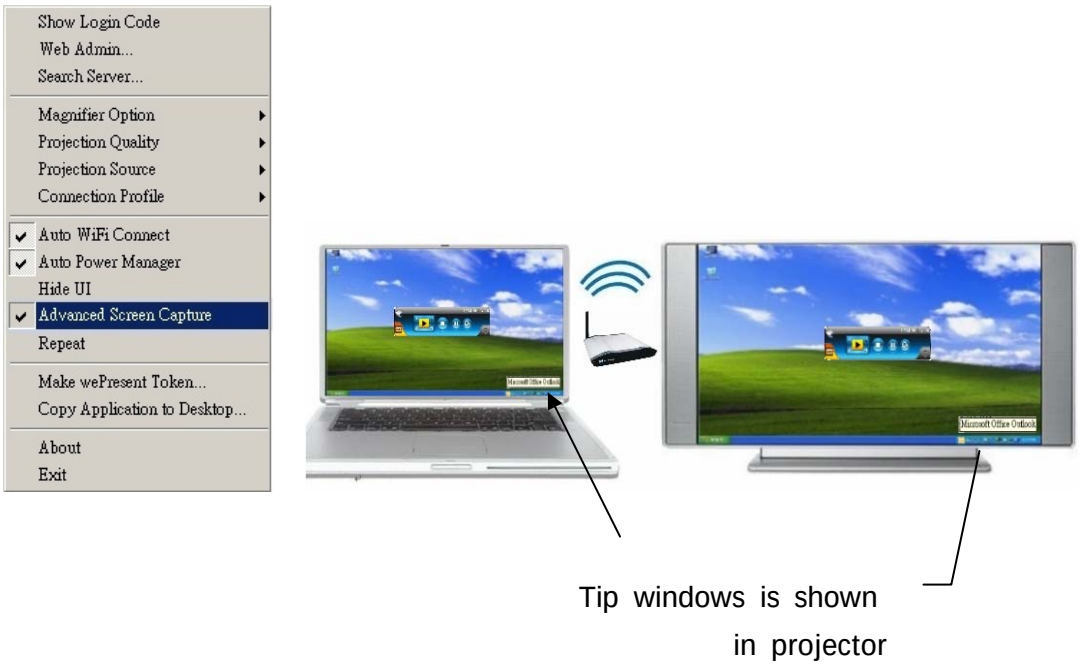
3.7.11 Advanced Screen Capture

Click the “Advanced Screen Capture”, you will be able to see tip windows and other layered windows (include the main UI) on the connected display. However, the mouse cursor may blink from time to time when you are projecting your PC screen!

- Disable “Advanced Screen Capture”.

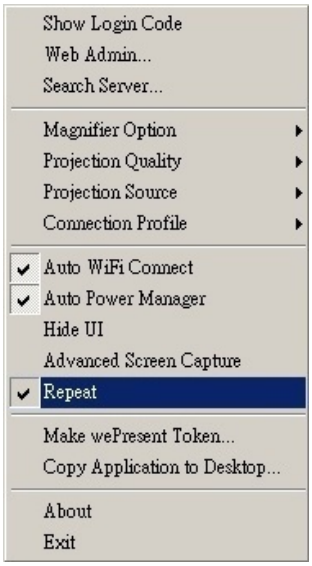


- Enable “Advanced Screen Capture”.



3.7.12 Repeat

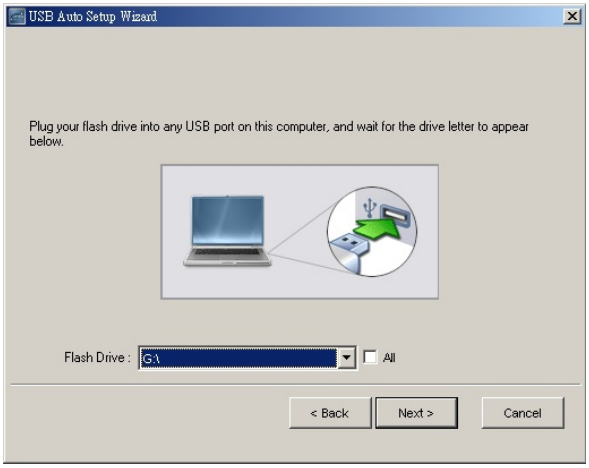
Click the” Repeat”, you can choose to playback current video/audio file repeat or not.



3.7.13 Make wePresent Token

Click “Make wePresent Token” to make a USB wePresent Token, you can insert a USB thumb drive and follows the wizard to make the Token.

USB Auto Setup Wizard
Welcome to the USB WePresent Token Wizard
This wizard helps you set up a USB WePresent Token which you can perform Plug and Show through this USB WePresent token.
To continue, click Next.
< Back
Next >
Cancel

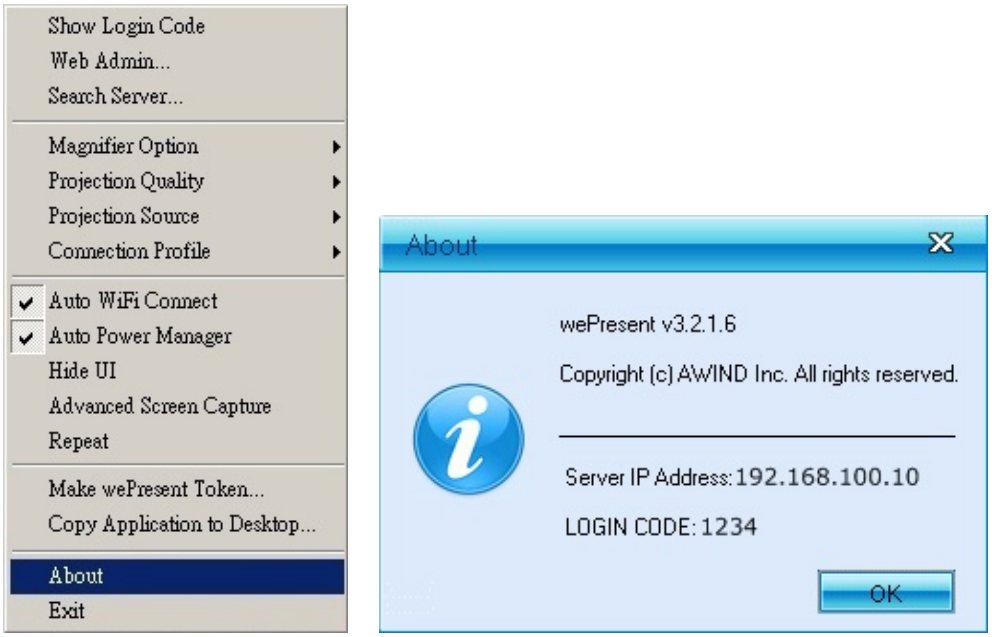

USB Auto Setup Wizard
Plug your flash drive into any USB port on this computer, and wait for the drive letter to appear below.
Flash Drive :
G:\
All
< Back
Next >
Cancel

3.7.14 Copy Application to desktop

Click the “Copy Application to desktop”, it will copy the application to your desktop immediately even you don’t have the system privilege

3.7.15 About

Click “**About**” to show system information. It includes product model name, Client version, IP address and other information.



3.7.16 Exit

Click “**Exit**” to exit this application. It will stop current playing status and close the application immediate.

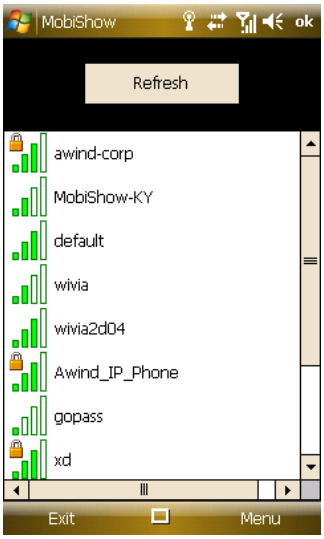
4. Windows Mobile Utility

4.1 Download from wePresent box

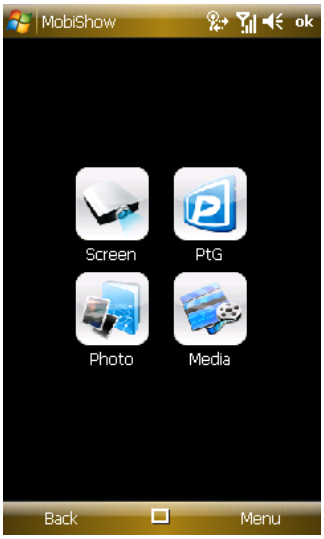
1) Turn on WiFi on your phone.
2) Connect your phone to MobiShow wireless network. The SSID is displayed on screen
3) Open the browser on your phone and enter the IP address of the MobiShow box.
   - ♦ The default IP address is 192.168.100.10.
   - ♦ Or, refer to the IP address which shown on the projector screen.
4) Click the “Download” link to download the software installer (in CAB format) to your phone.
5) Open Explorer on your phone and find the CAB file.
6) Double click on the CAB file to start installation.
7) Follow on-screen instructions to finish installation.

4.2 Using MobiShow with a Smartphone

1) Open “Programs” on your phone and find “MobiShow” application.
2) Select “MobiShow” icon to launch the client software.
3) MobiShow will turn on Wi-Fi on your phone and list available access points for you to choose.



4) Select a MobiShow wireless network (SSID with prefix MobiShow) to connect to.
5) MobiShow client will connect to that access point and search for MobiShow devices automatically. When a MobiShow device is found, it will automatically login and the following main menu is shown on your phone.

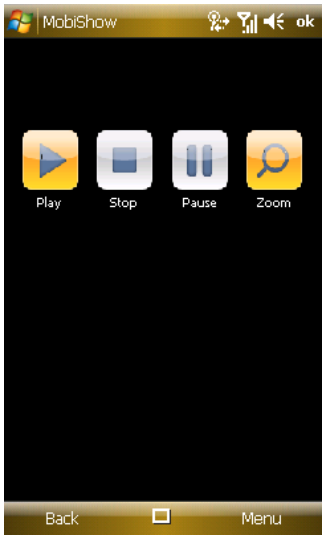


- If more than one MobiShow devices are found, the following list will be displayed for you to select the one to use.

1) Select which feature to use. To project the screen of your phone, click on the “Screen” icon. To do a PC-less presentation with Presentation-to-Go (PtG), select the “PtG” icon. To play a video or MP3 from your phone, select the “Media” icon.

- Screen Projection:

MobiShow will project anything displayed on your screen. You may launch another application (such PowerPoint Viewer) or open any file (such as Word document or JPG image) and it will be projected to the projector. Note: Do not exit MobiShow application while opening other application to keep screen projected.



Click the “Stop” icon to stop projection.

Click the “Pause” icon to pause projection. Click “Pause” again to resume projection.

Click the “Zoom” icon to zoom the projected screen to extend the longest side of your screen to fill the screen.

Click the “Play” icon to start projection again if it is stopped.

Click the “OK” button or “Back” to return to main menu.

- Wireless PtG:

When you select PtG function, MobiShow client will automatically open Explorer for you to select a PtG file. Select the file to open for your presentation. When the file is open, the PtG slides will be projected, and the following screen is displayed on your phone for you to control your PtG presentation.

Click “Prev” or “Next” to go to the previous or next item in the slide.

Click “PgUp” or “PgDn” to go to previous or next slide.

Click “Stop” to stop projecting the file. The icon will become “Play” if the file is not played. Click “Play” again to play the file if it is stopped.

Click “Home” to go to the first slide.

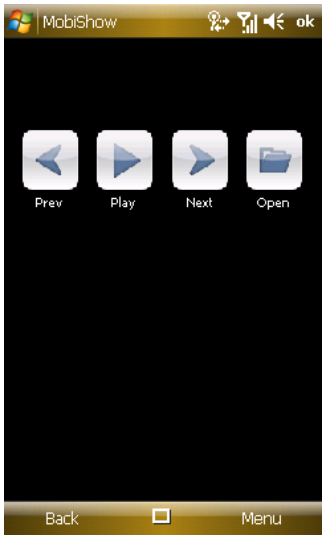
Click “Jump” and MobiShow client will show every slide on the phone. You can select any page to go to.

Click “Open” to select another PtG file.

Note:
You may find PtG converted in the USB Token for your testing.

- Photo Slideshow:

You can use MobiShow to project photos stored on your phone to big screen. The photos will be prepared for playback on big screens rather than for the tiny screens of your phone.
To open a single photo, select one photo and click the OK button. The photo will be displayed on the display connected to MobiShow device.

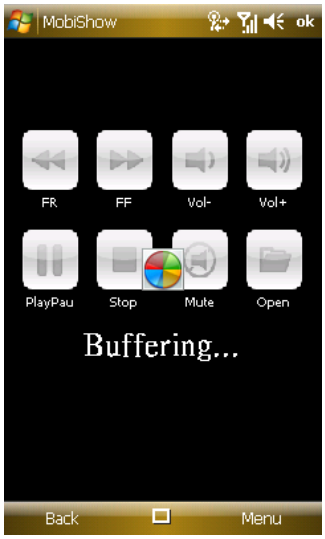


Click “Prev” or “Next” to go to the previous or next photo in the same folder.

Click “Play” to start photo slideshow with photos in the same folder. The button will be changed to “Pause” during slideshow. Click “Pause” to stop slideshow.

- Media Sender:

When you select Media Sender function, MobiShow client will automatically open Explorer for you to select a media file. Select a file (videos in mpeg or wmv9 format, or MP3 music files) to play. The file will be streamed to MobiShow device. It may take a few seconds to buffer before the playback begins, depending on the wireless signal and media bit rate.



When the file is open, the media will be projected, and the following screen is displayed on the phone for you to control your media playback.

Click “FR” or “FF” to seek backward or forward.
Click “Vol-“ or “Vol+” to adjust volume for playback.
Click “Stop” to stop playing the file. The icon will become “Play” if the file is not played. Click “Play” again to play the file if it is stopped.
Click “Mute” to mute the audio. Click “Mute” again to bring audio back.
Click “Open” to select another media file.

2) When you are in the main menu, click the “OK” button or “Back” again to close the application.

5. Mac Client Utility

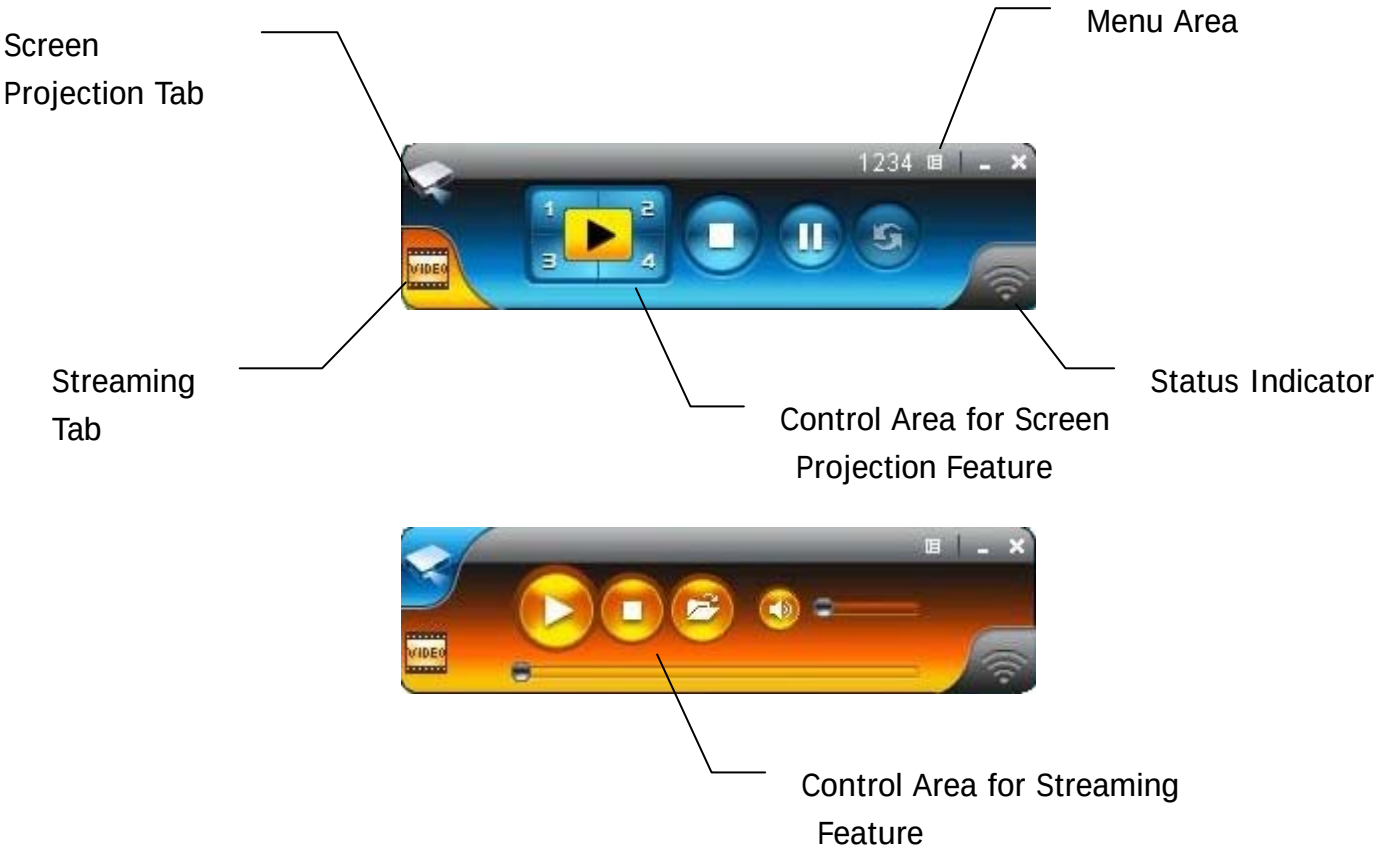
5.1 Launch Application

1) Enable your WiFi and connect to wePresent device.
2) Execute wePresent client software for Mac.

3) Launch wePresent software and enter the login code.

4) Start Projection.

5.2 Main User Interface



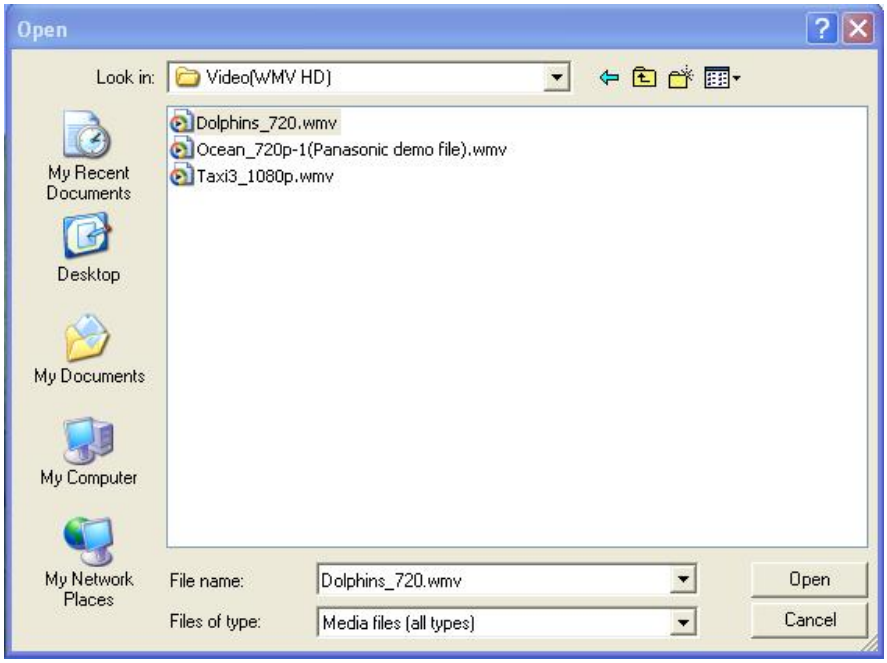
5.3 Screen Projection

Click the “Play” button for full or split screen, you can project the main screen on to the display immediately, click the “Pause” button, you can freeze you projection screen, and click the “Stop” button to stop projecting your screen.

Button	Description
	Full Screen projection
	Project to Split #1
	Project to Split #2
	Project to Split #3
	Project to Split #4
	Stop projecting
	Pause projecting
	Refresh Screen

5.4 Video / Music streaming Feature

Click the “Video Tab” to switch to Video Mode, choose a video/audio file, then it will stream the original file to playback on the screen.



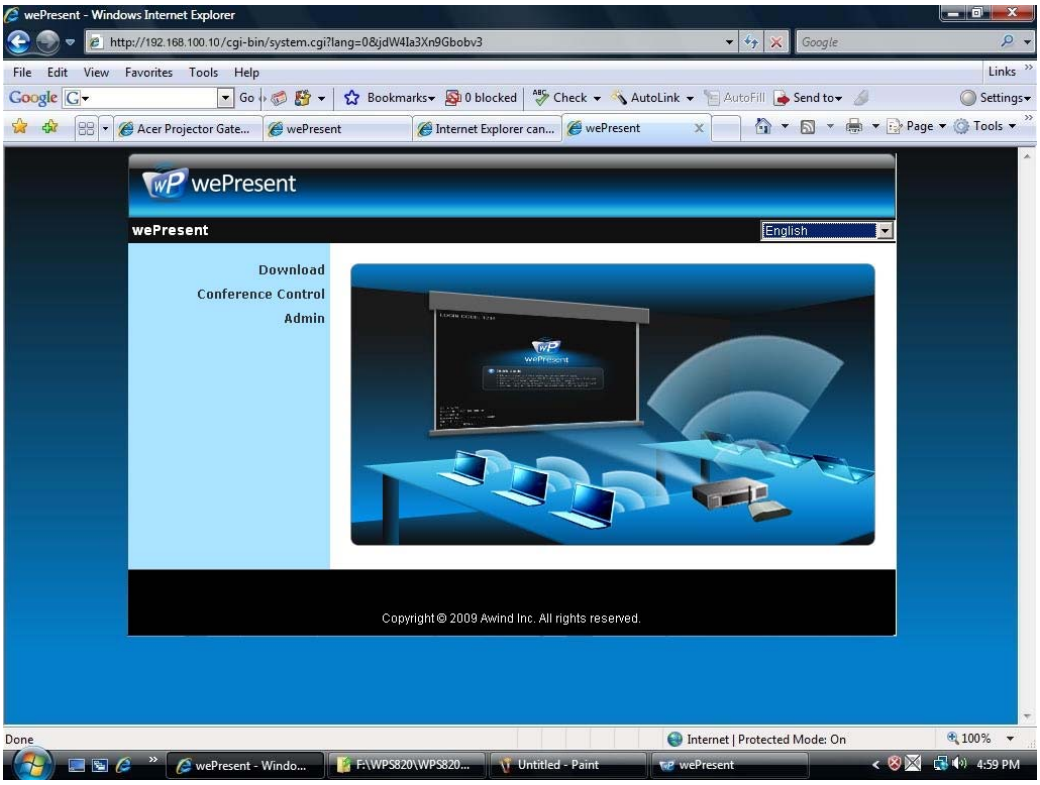
* Supported Video Format: MPG, MPEG, DAT, VOB, WMV9, ASF, MP3, WAV, H.264.

Button	Description
	Start Playing Video/Music
	Stop Playing Video/Music
	Open Video/Music File
	Mute
	Volume Level
	Progress Bar

6. Web Management

6.1 Home Page

1. Make sure your PC connect to wePresent box successfully.
2. Open your browser, it will enter wePresent home page automatically.
3. If not, enter your IP address on the browser, you can see the IP on the projector screen.
4. The default IP is 192.168.100.10

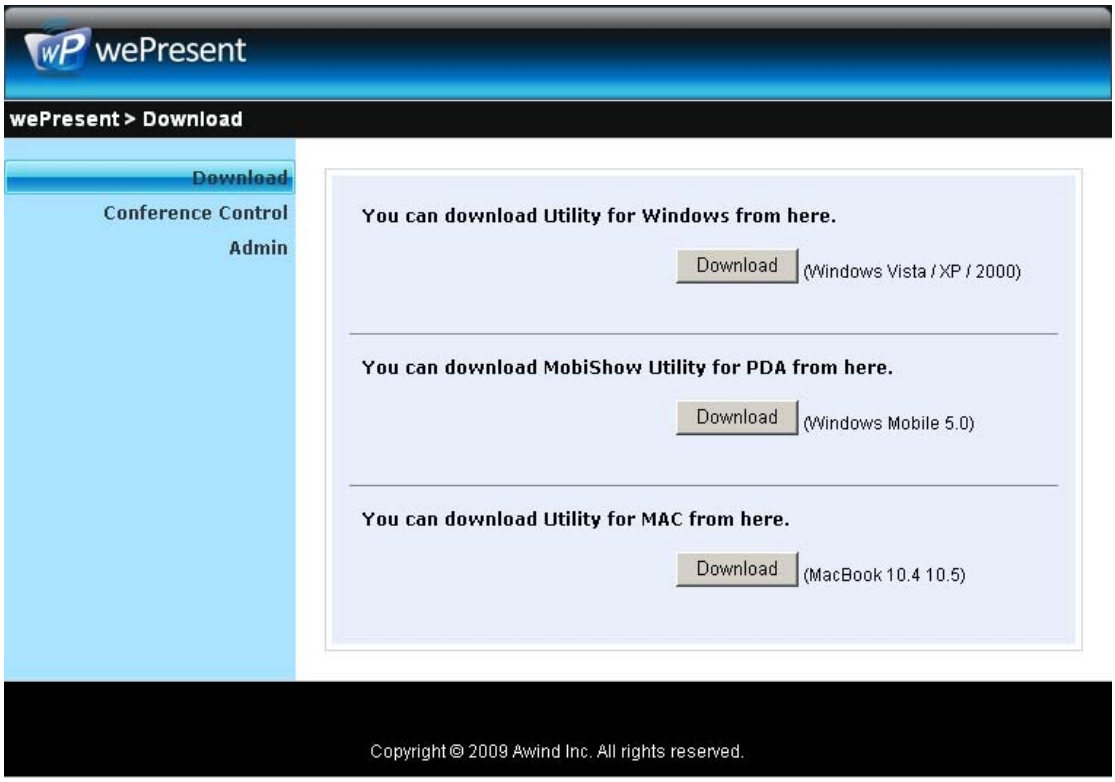


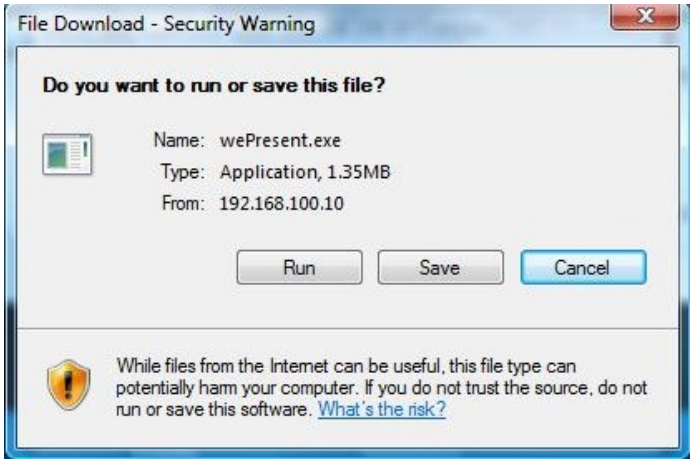
6.2 Download Software

1. Select “Download software” function.
2. Please select the “Win 7 / Windows Vista / XP / 2000” or “Windows Mobile 5/6” or “Mac Utility” and execute the installation program.
3. Follow Installation Wizard instructions to proceed till the installation process complete.
4. If pop up “**Windows Security Alert**” because Windows firewall block this

program. You just press “**Unblock**” button to continue installation.

5. Once installation complete, a utility shortcut come out on the screen.

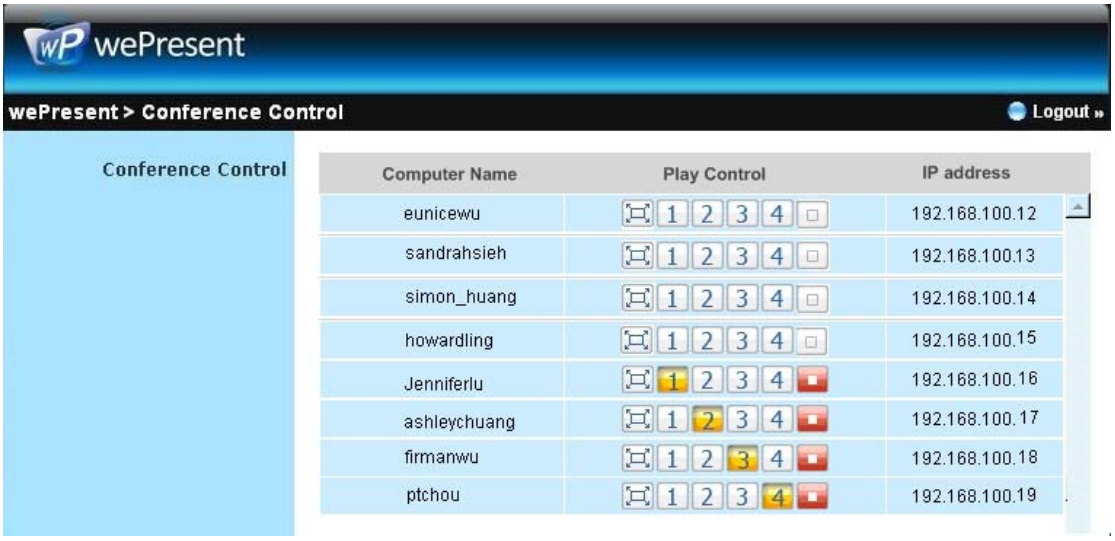



File Download - Security Warning
Do you want to run or save this file?
Name: wePresent.exe
Type: Application, 1.35MB
From: 192.168.100.10
Run
Save
Cancel
While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. What's the risk?

6.3 Conference Control

1) This function allows you to host a meeting smoothly without projector cable swapping and each participant can show their presentation easily.
2) Select “**Conference Control**” function.
3) Enter password, the default value is “trainer”, and then press [Login].

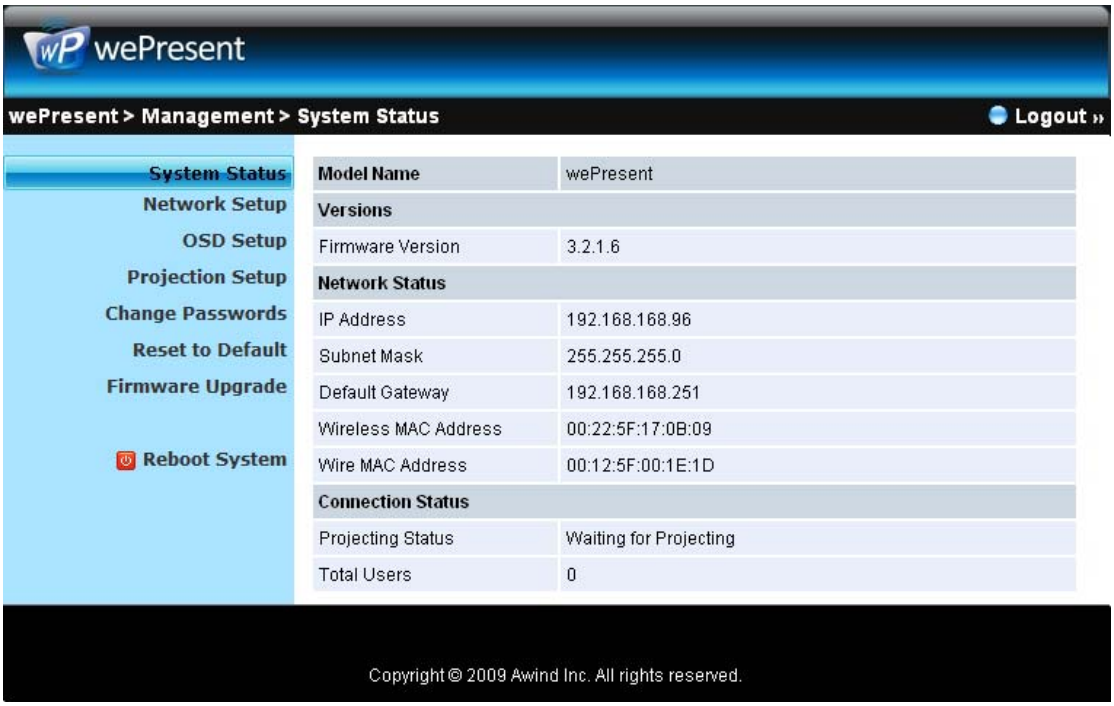
4) After login, you can see a User List on the screen which indicates all of users connected to WEPRESENT box.
5) There are three columns, "**Computer Name**", "**Play Control**" and "**IP Address**".
6) Play Control，There are six buttons, including Play(Full) , Play Split #1 1, Play Split #2 2,Play Split #3 3, Play Split #4 4 and Stop .
7) User List



6.4 Login Web Admin

1. Click [**Admin]** and then enter password to login web page.
2. The password default value is “admin”.

6.4.1 System Status



Click **[System Status],** shows current system status.

Model Name: Product model name

Versions:

1. **Firmware version no.**: Product firmware version number.

Network Status:

1. **IP address**：IP address of WPS device.
2. **Subnet Mask**：subnet mask
3. **Default Gateway**：default gateway
4. **Wireless MAC address**：wireless MAC address
5. **Wire MAC address**：wire MAC address

Connection Status:

1. **Projecting status:** which is “Waiting for projecting” or “Projecting”
2. **Total Users:** It shows how many users login into wePresent box.

6.4.2 Network Setup

There are many kinds of operating configurations as below.

wePresent
wePresent > Management > Network Setup
Logout »
System Status
Network Setup
OSD Setup
Projection Setup
Change Passwords
Reset to Default
Firmware Upgrade
Reboot System
IP Setup
Obtain an IP address automatically
Use the following IP address
IP Address 192 . 168 . 100 . 10
Subnet Mask 255 . 255 . 255 . 0
Default Gateway 192 . 168 . 100 . 10
DNS Server 192 . 168 . 100 . 10
DHCP Server Setup
Auto
Disable
Start IP 192 . 168 . 100 . 11
End IP 192 . 168 . 100 . 254
Subnet Mask 255 . 255 . 255 . 0
Default Gateway 192 . 168 . 100 . 10
DNS Server 192 . 168 . 100 . 10
Wireless Setup
Wireless LAN Enable Disable
Region ---- WORLDWIDE ----
SSID wePresent
SSID Broadcast Enable Disable
Channel Auto
Encryption Disable
Key
GateKeeper
All Pass
All Block
Internet Only
Apply
Cancel
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< Auto-Configuration Network Setup>

The default setting of the wePresent box is DHCP client. When the wePresent box is connected to a LAN that already has a DHCP server present, the wePresent box takes an IP address assigned to it by the server. When the wePresent box is connected to a LAN that does not have a DHCP server, the wePresent box becomes the DHCP server in the network.

< IP Setup>

- You can select “obtain IP address automatically” or “Use the following IP address”
- IP Address: The default value is 192.168.100.10.
- Subnet Mask: The default value is 255.255.255.0
- Default Gateway: The default value is 192.168.100.10
- DNS Server: The default value is 192.168.100.10

<DHCP Server Setup>

- You can select “auto(Enable/Disable DHCP Server” or “Disable”)
- Start IP: The start IP address of DHCP Server.
- End IP: The end IP address of DHCP Server
- Subnet Mask: The default value is 255.255.255.0
- Default Gateway: The default value is 192.168.100.10
- DNS Server: The default value is 192.168.100.10

< Wireless Setup>

- Wireless LAN: The default value is “Enable”
- Region: default value is “Worldwide”.
- SSID: SSID string, max. Length is 32 bytes.
- SSID Broadcast: The default value is “Enable”
- Channel: to set fixed channel or Auto. The “Auto” means after power on wePresent, it will scan all of wireless channel and select clear one channel automatically.
- Encryption: you can select “Disable” or one of WEP/WPA/WPA2 64bit or 128bit in ASCII or HEX string.
- Key: If Encryption is enabled, you have to set key value according to the encryption mode you selected.

< Gatekeeper>

Gatekeeper is designed for ensuring the enterprise network security within wePresent box

- All Block can block Guest Users(through wireless) to access all office network(LAN),
- All Allow can pass Guest Users(through wireless) to access all office network

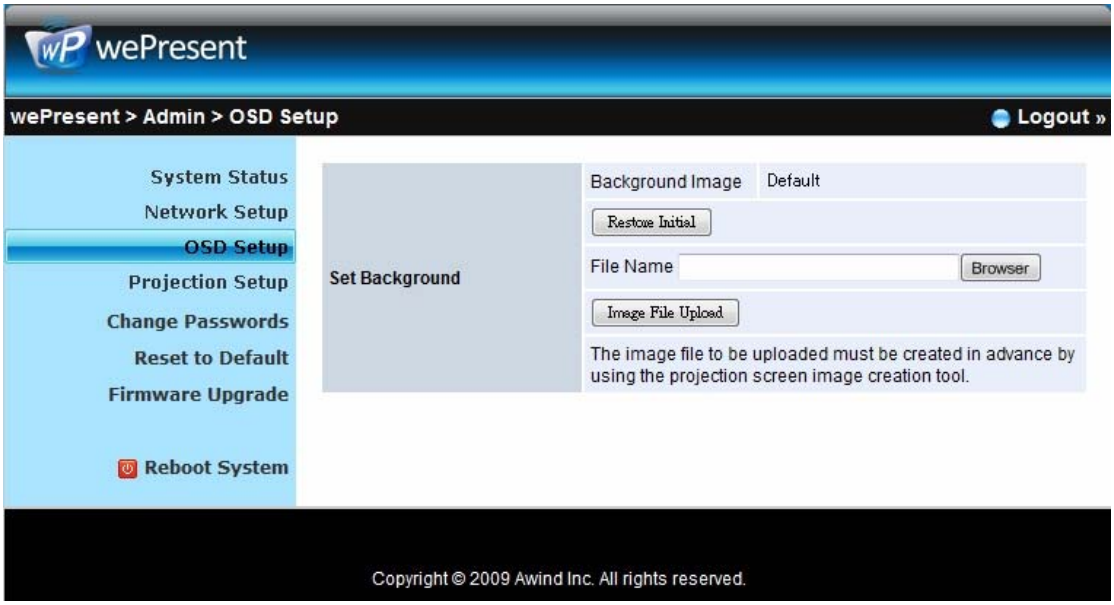
- Internet Only can block Guest Users (through wireless) from office network (LAN) but still reserve internet connection capability.

<Apply >: press button to select this mode.

<Cancel>: press button to abort action.

<Back>: Back to Operating mode main menu.

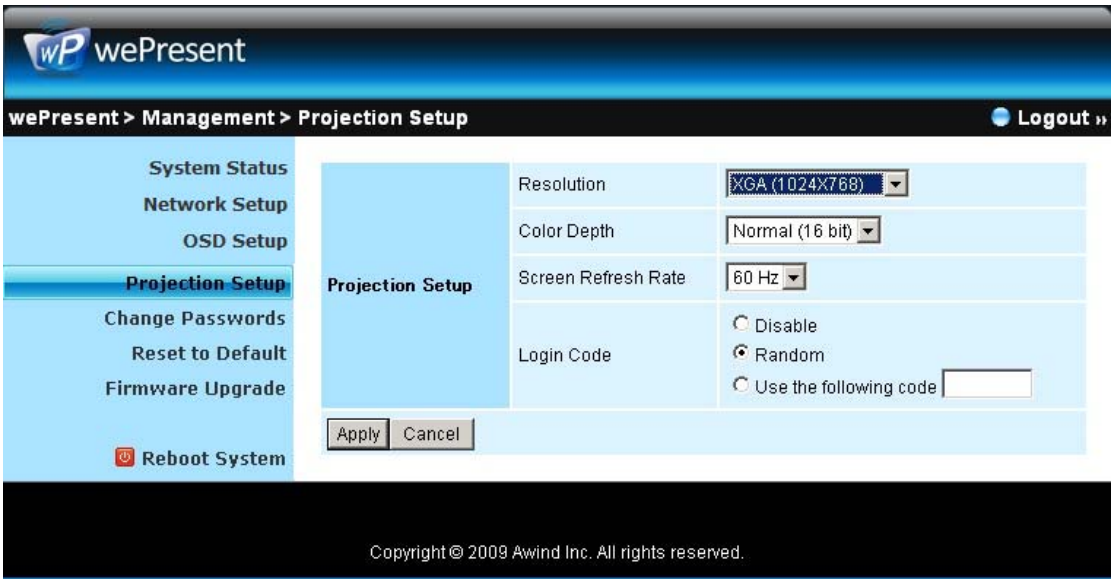
6.4.3 OSD Setup



Click **[OSD Setup]** button, to change OSD standby image.

- **<Restore Initial>**: Restore to default OSD standby image.
- **<Image File Upload>**: Upload the customized OSD standby image. (You need to convert the image to system defined format using provided IB Maker utility.)

6.4.4 Projection Setup



Click **[Projection Setup]** button

- **<Resolution>**: XGA(1024*768), WXGA(1280x768) and SVGA(800*600). The default value is XGA.
- **<Color Depth>**: provide wePresent output with 16bit or 32 bit color depth. It depends on your PC settings.
- **<Screen Refresh Rate>**: This is VGA output refresh rate, provides 60 Hz and 75Hz to suit for different kinds of projectors.
- **<Login Code>**: You can select “Disable”, “Random”, or “Use the following code” to set a specified 4-characters Number.
- **<Apply>** : Confirmation and Save modifications
- **<Cancel>:** Cancel all the modifications

6.4.5 Change Passwords

Click **[Change Password]** button, to change password value.

The length of password is up to 8 characters.

- **<Enter New Password>:** enter new password you want to change for each category.
- **<Confirm New Password>**: double confirm new password.
- **<Apply>:** Confirmation and Save modifications.

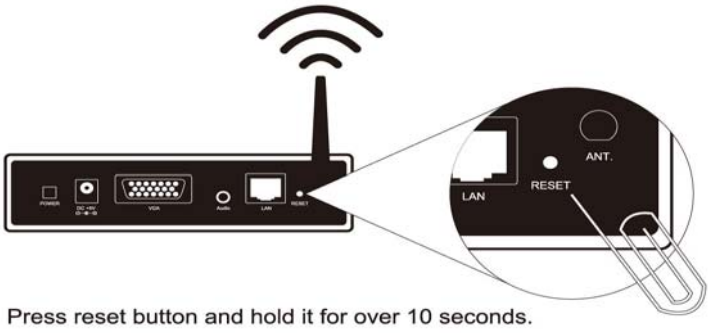
6.4.6 Reset to Default

Click **[Reset to Default]** button to restore factory default settings.

<Apply>: Confirmation and action.

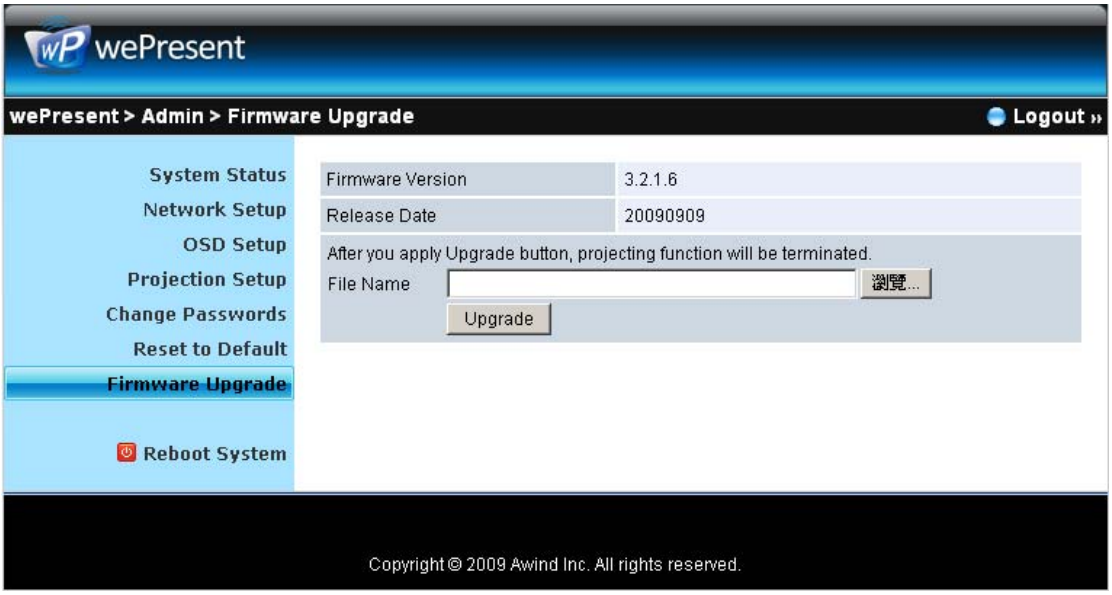
***** Another way to restore Factory Default Settings, Follow below procedures.**

1. Press **[Reset]** button and **Hold.**
2. Turn on wePresent box.
3. Wait for over 10 seconds and relief [**Reset**] button.
4. It will take effect to restore factory default settings.



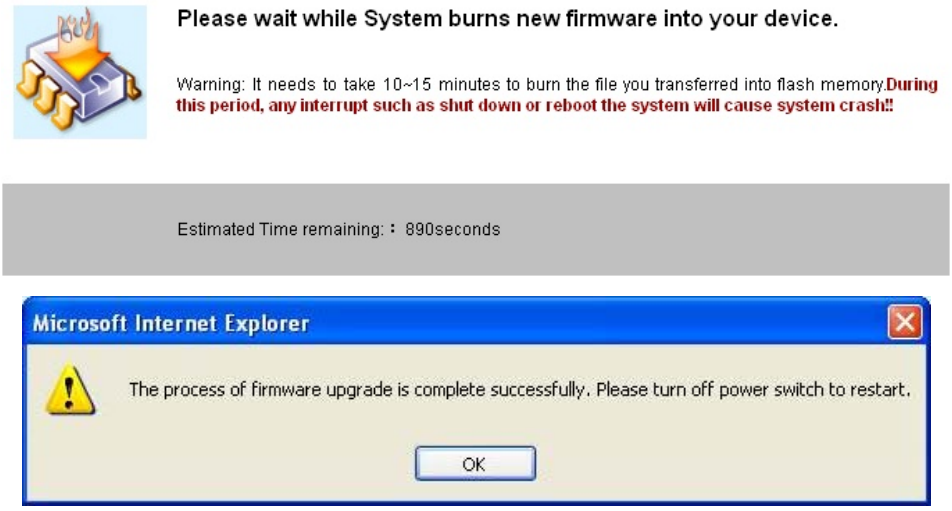
Press reset button and hold it for over 10 seconds.

6.4.7 Firmware Upgrade



Click **[Firmware Upgrade]** button to upgrade firmware.

1. Firstly, you have to get latest firmware image file from your vendor.
2. Click **<Browse>** to specify file name you want to upgrade.
3. Click **<Upgrade>** to start.
4. A warning message shown and count down counter on the screen.
5. After a few minutes, a complete message shown on the screen.
6. Restart wePresent box to take effect.


Please wait while System burns new firmware into your device.
Warning: It needs to take 10~15 minutes to burn the file you transferred into flash memory.During this period, any interrupt such as shut down or reboot the system will cause system crash!!
Estimated Time remaining: : 890seconds
Microsoft Internet Explorer
The process of firmware upgrade is complete successfully. Please turn off power switch to restart.
OK

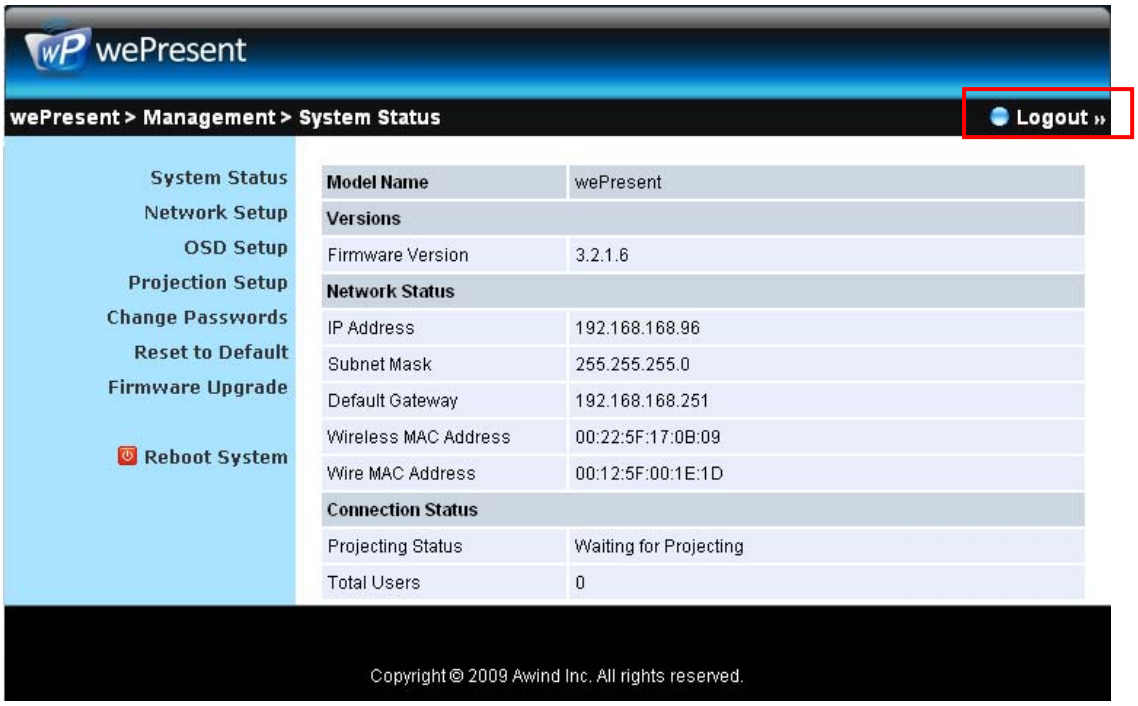
Warning: Don't power off wePresent while firmware upgrade in progress, otherwise will cause your Box doesn't work and have to return device to your vendor for fixing.

6.4.8 Reboot System

Click **[Reboot System]** button, to restart system

- **<Reboot>**: reboot system automatically.

6.4.9 Logout


wePresent
wePresent > Management > System Status
Logout »
System Status
Network Setup
OSD Setup
Projection Setup
Change Passwords
Reset to Default
Firmware Upgrade
Reboot System
Model Name
wePresent
Versions
Firmware Version
3.2.1.6
Network Status
IP Address
192.168.168.96
Subnet Mask
255.255.255.0
Default Gateway
192.168.168.251
Wireless MAC Address
00:22:5F:17:0B:09
Wire MAC Address
00:12:5F:00:1E:1D
Connection Status
Projecting Status
Waiting for Projecting
Total Users
0
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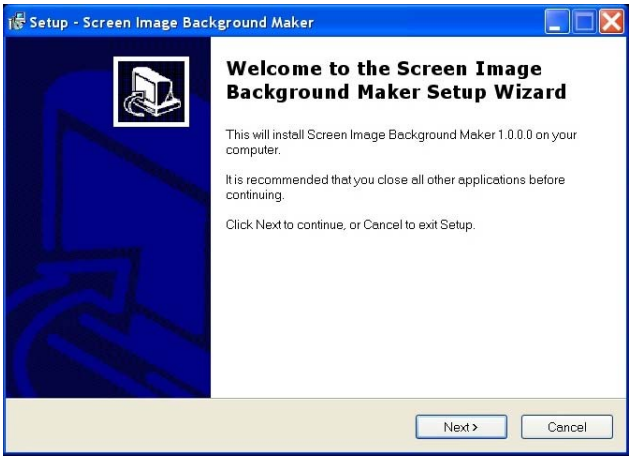
7. Appendix

Screen Image Background Maker

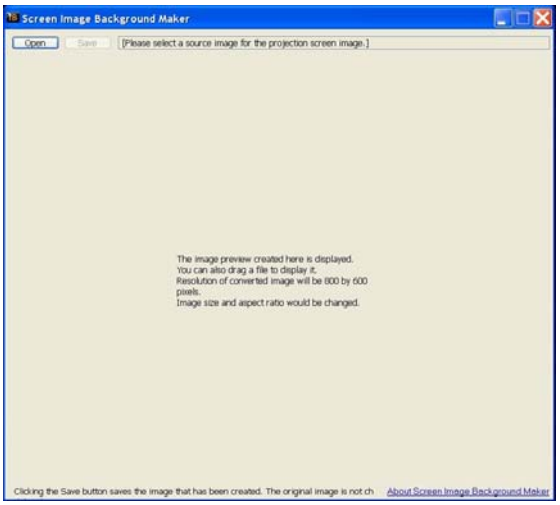
Quick Installation Guide

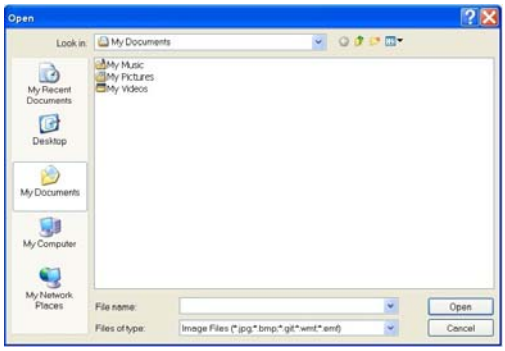
Version: 1.00

1) Run the “Screen Image Background Maker” and follows the wizard to convert the image file.

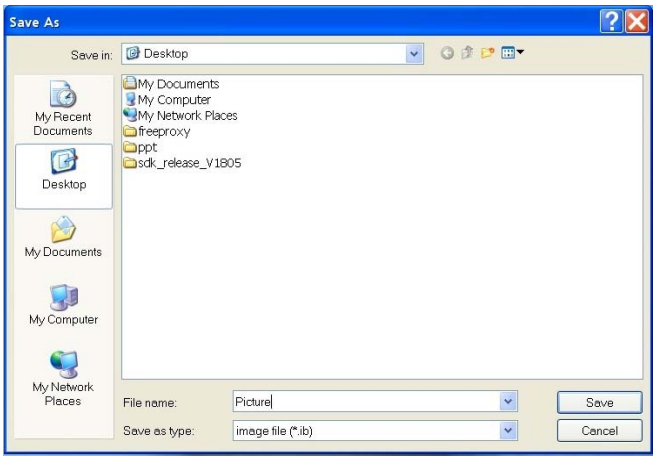

Setup - Screen Image Background Maker
Welcome to the Screen Image Background Maker Setup Wizard
This will install Screen Image Background Maker 1.0.0.0 on your computer.
It is recommended that you close all other applications before continuing.
Click Next to continue, or Cancel to exit Setup.
Next >
Cancel

2) Press “Open” to select a file to convert this image for background use.

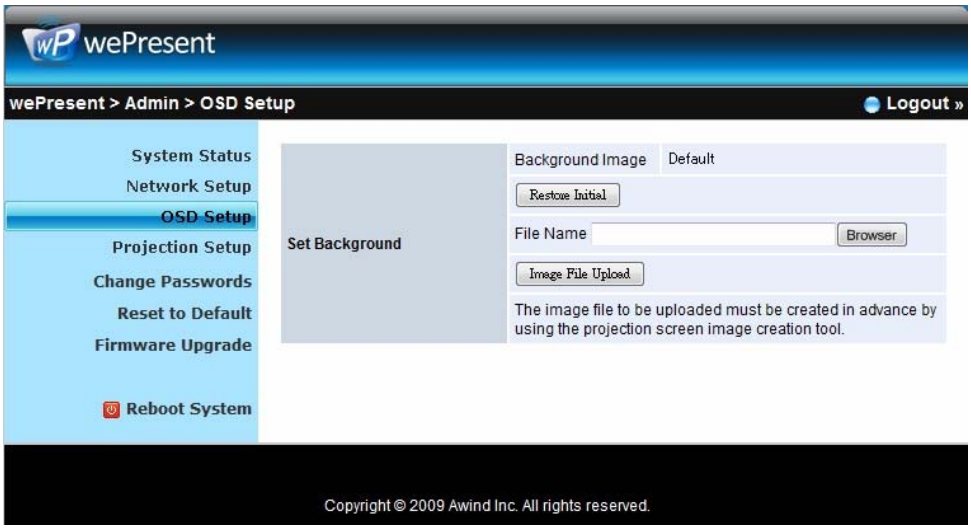

Screen Image Background Maker
Open
Save
[Please select a source image for the projection screen image.]
The image preview created here is displayed.
You can also drag a file to display it.
Resolution of converted image will be 800 by 600 pixels.
Image size and aspect ratio would be changed.
Clicking the Save button saves the image that has been created. The original image is not ch
About Screen Image Background Maker



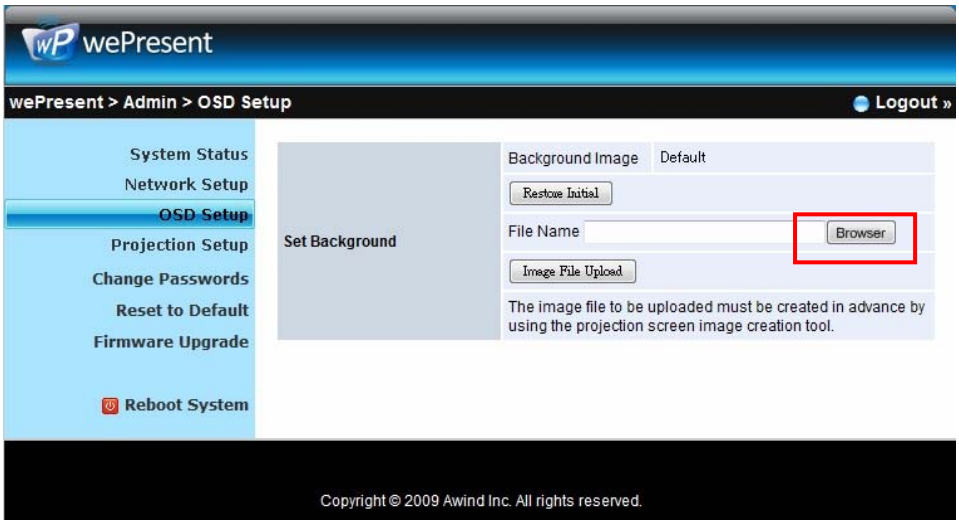
3) Press “Saver” to save this file.(*.ib)

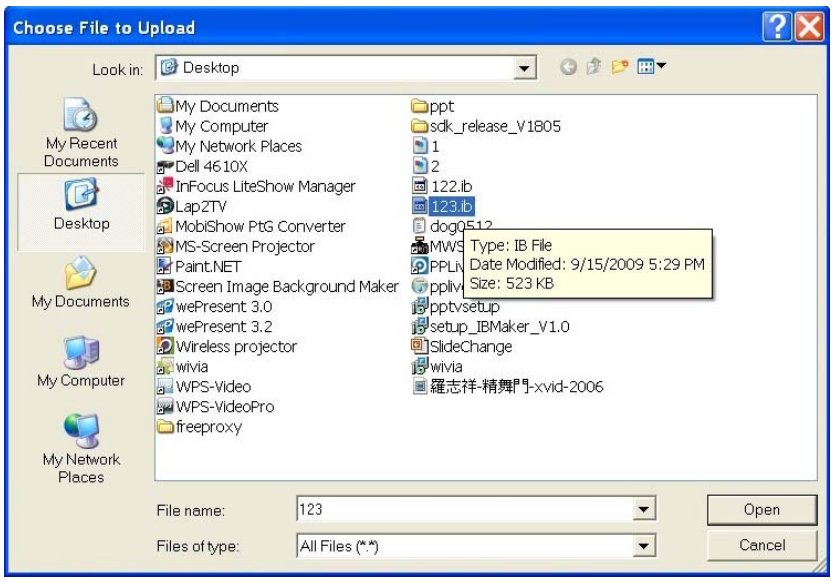


4) Please connect to wePresent webpage, and then connect to OSD setup page.

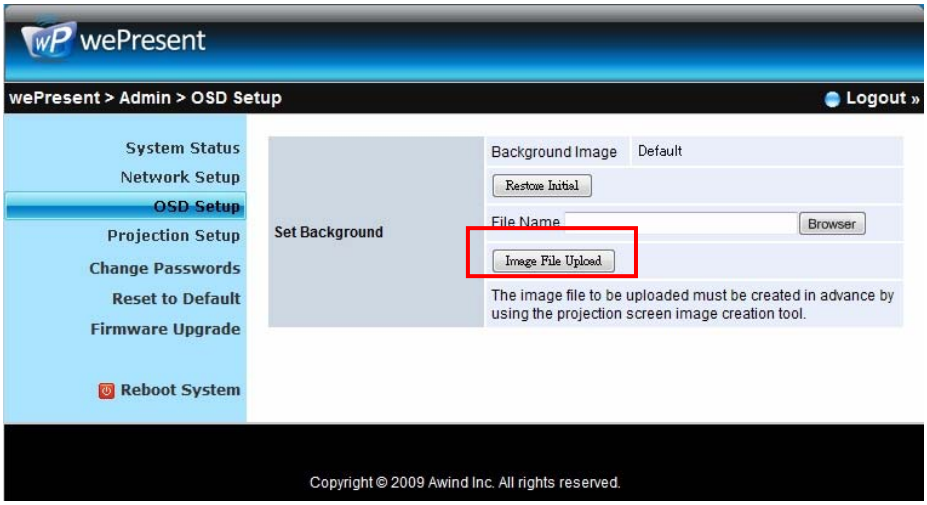


5) Press “Browser” to choose the *.ib file.





6) Press “image file upload” to upload your background image. Then it will show the message as below.



7) Reboot your system to make the setting effect.

Note: You may find “Screen Image Background Maker” in the USB Token.